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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

**Joerg MOISEL**

Application No.: 10/801,349

Filed: **March 16, 2004**

For: **HEADLIGHT FOR A VEHICLE**

Attorney Docket No.: 3926.076

Customer No.: 000041288

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §1.97 and §1.98

**Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the following documents for the above-identified application. Copies of the documents set forth below and listed on the attached Form PTO-1449, are provided herewith.

1. U.S. Patent No. 6,441,943 B1
2. U.S. Patent No. 5,785,418 A
3. U.S. Patent No. 6,045,240 A
4. U.S. Patent No. 6,367,949 B1
5. U.S. Patent Application Publication No. 2002/0008976 A1
6. U.S. Patent Application Publication No. 2003/0174053 A1

U.S. PATENT APPLICATION  
SERIAL NO.: 10/801,349  
INFORMATION DISCLOSURE STATEMENT

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7. German Patent Application No. 100 47 207 A1
8. German Patent Application No. 100 27 018 A1
9. German Patent Application No. 43 35 244 A1
10. German Patent Application No. 100 55 462 A1
11. U.S. Patent No. 6,467,940 B2
12. U.S. Patent Application Publication No. 2004/0022051 A1

Documents 1-6 are in the English language. The relevancy of the Non-English documents is explained below.

**Document 7**

German Patent No. DE 100 47 207 A1 entitled "Headlamp for vehicles" published on April 11, 2002.

A halogen light source is arranged at the focal point of the reflector and emits both visible light and infrared radiation. In this case, the halogen light source is mounted in the reflector from the rear in a central recess. It emits the light either directly or indirectly via reflection on the reflector in the direction of the transparent lens.

Applicants are not aware of any English language document equivalent to Document 7, other than an English language abstract of patent family: EP1191279 A2:

A halogen bulb (3) provides both visual and infrared light. A shutter (4) has a filter which permits only the passage of the latter. In the dipped position the shutter is raised to restrict the area illuminated by the light beam. In this position the infrared beam (10) still covers the main beam area and, by

providing an IR detector a visual or audible alarm can warn the driver of obstacles lying in the vehicle path.

**Document 8**

German Patent No. DE 100 27 018 A1 entitled "Headlight for vehicle operating in accordance with projection principle and illumination device with at least one such headlight" published on December 6, 2001.

A halogen light source is arranged at the focal point of the reflector and emits both visible light and infrared radiation. In this case, the halogen light source is mounted in the reflector from the rear in a central recess. It emits the light either directly or indirectly via reflection on the reflector in the direction of the transparent lens.

Document 11 is submitted herewith as an English language document in the patent family of Document 8.

**Document 9**

German Patent No. DE 43 35 244 A1 entitled "Device for improving driver visibility in automobiles" published on June 22, 1995.

Document 9 discloses vehicle headlights which use semiconductor light sources. These are not based on the projection principle, and do not have a reflector at whose focal point the semiconductor light source is arranged.

Applicants are not aware of any English language document equivalent to Document 9, other than an English language abstract:

A device for improving the visibility for cars has an illumination device comprising a linearly polarised source of light using a semiconducting laser and a lens to produce a light beam. The lens is a collector lens with a large surface area and has a focal length approximately equal to the distance of the source from it. There are also a number of tightly joined micro-lenses of equal focal lengths, but small compared with that of the collector lens, arranged to form a flat element. For the polarisation of the light, separate cylinder lens structures are used on opposite sides of a common lens. The collector lens has a Fresnel structure. The micro-lenses are scattering lenses.

#### Document 10

German Patent No. 100 55 462 A1 entitled "IR laser illumination system, for incorporation in vehicle headlight unit, has prism and reflector to change beam direction and produce compact unit" published on May 23, 2002.

Document 10 discloses vehicle headlights which use semiconductor light sources. These are not based on the projection principle, and do not have a reflector at whose focal point the semiconductor light source is arranged.

Document 12 is submitted herewith as an English language document in the patent family of Document 10.

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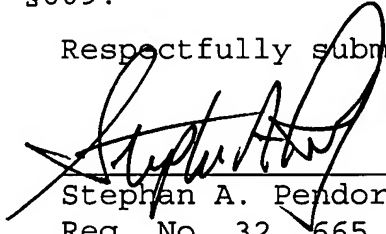
ATTY DOCK: 3926.076

The present Information Disclosure Statement is being filed after three months from the application's filing date but before the mailing date of the first Office Action on the merits, therefore no Certification Under 37 C.F.R. §1.97(e) or fee under 37 C.F.R. §1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedated or otherwise remove any listed document as a competent reference against the claims of the present application.

Applicant respectfully requests that the listed documents be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.

Respectfully submitted,



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Dated: **July 20, 2004**

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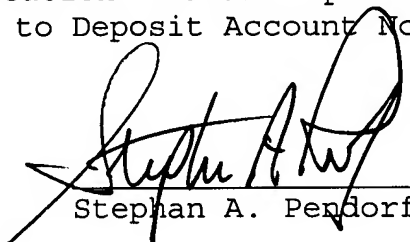
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**CERTIFICATE OF MAILING AND AUTHORIZATION TO CHARGE**

I hereby certify that the foregoing INFORMATION DISCLOSURE STATEMENT Form PTO-1449, including eleven (11) documents, for U.S. Application No. 10/801,349 filed March 16, 2004, were deposited in first class U.S. mail, postage prepaid, P.O. Box 1450, Alexandria, VA 22313-1450, on **July 20, 2004**.

The Commissioner is hereby authorized to charge any additional fees which may be required at any time during the prosecution of this application without specific authorization, or credit any overpayment, to Deposit Account No. 16-0877.

  
Stephan A. Pendorf

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Complete If Known</b>	
		Application Number	10/801,349
		Filing Date	03/16/04
		First Named Inventor	Joerg Moisel
		Art Unit	2875
		Examiner Name	
Sheet	1 of 1	Attorney Docket No.	3926.076

[illegible]

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		DE 100 47 207 A1	4/11/2002	Michael Burg et al.		N
		DE 100 27 018 A1	12/06/2001	Johannes Eschler et al.		N
		DE 43 35 244 A1	6/22/1995	Edgar Weider		N
		DE 100 55 462 A1	5/23/2002	Edgar Weider		N

Examiner Signature	Date Considered
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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.